

| Ref # | Hits | Search Query  | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|------|---|------------------------------|------------------|---------|------------------|
| L2    | 1    | ("6797314").pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/01/10 07:27 |
| L3    | 0    | (2002/0048548)  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/01/10 07:31 |
| L4    | 14   | (chaklader).in.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/01/10 07:45 |
| L5    | 1    | ("6237529").pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/01/10 07:46 |
| L6    | 1    | L5 and (Ta W Pt)  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/01/10 07:49 |
| L7    | 0    | L5 and (platnium)   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/01/10 07:50 |
| L8    | 0    | L5 and (platinum)   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/01/10 07:56 |
| L9    | 8    | (OLED) and powder and<br>(ultrasonication or (ultrasonic adj<br>mixing) or (ultrasonic adj horn))                   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/01/10 07:59 |
| L10   | 2025 | powder and (ultrasonication or<br>(ultrasonic adj mixing) or<br>(ultrasonic adj horn))                              | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/01/10 07:59 |
| L11   | 1667 | powder and (ultrasonication or<br>(ultrasonic adj mixing) or<br>(ultrasonic adj horn) and (Hz<br>Hertz))            | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/01/10 07:59 |
| L12   | 4    | (OLED) and powder and<br>(ultrasonication or (ultrasonic adj<br>mixing) or (ultrasonic adj horn) and<br>(Hz Hertz)) | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/01/10 08:02 |
| L13   | 1    | ("4178182").pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/01/10 08:01 |
| L14   | 0    | L13 and (Hz Hertz)  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/01/10 08:01 |
| L15   | 1    | L13 and (kHz kiloHertz)   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/01/10 08:47 |

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| L16 | 6      | (OLED) and powder and (ultrasonication or (ultrasonic adj mixing) or (ultrasonic adj horn) and (kHz kiloHertz))                                    | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/10 08:02 |
| L17 | 35     | (OLED light-emitting electroluminescence) and powder and (ultrasonication or (ultrasonic adj mixing) or (ultrasonic adj horn) and (kHz kiloHertz)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/10 08:02 |
| L18 | 58     | co-deposition and OLED   | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/10 08:47 |
| S1  | 3      | ("6511614" "5840267" "4178182").pn.  | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/09 08:15 |
| S2  | 4      | ("4356429" "4539507" "4720432" "4769292").pn.  | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/03 09:24 |
| S3  | 0      | S2 and (mix and (homogeneous or uniform))  | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/03 09:23 |
| S4  | 0      | S2 and mix   | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/03 09:23 |
| S5  | 3970   | (organic) near7 (powder) near7 (mix or mixture or uniform or homogeneous)  | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/03 09:25 |
| S6  | 8378   | (organic) with (powder) with (mix or mixture or uniform or homogeneous)  | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/03 09:25 |
| S7  | 24     | S5 near7 (emulsion or emulsifying or emulsifier)   | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/03 09:30 |
| S8  | 24     | ucla.as.   | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/03 09:30 |
| S9  | 0      | S8 and (OLED)  | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/03 09:30 |
| S10 | 10853  | OLED   | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/03 09:31 |
| S11 | 941    | S10 and (powder)   | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/03 09:31 |
| S12 | 753869 | S11 and mix or mixing  | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/03 09:31 |

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| S13 | 464    | S11 and (mix or mixing)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/01/03 09:31 |
| S14 | 452    | S13 and (water or alcohol or emulsion or liquid)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/01/03 09:32 |
| S15 | 132    | S14 and (host or dopant)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/01/03 09:32 |
| S16 | 19     | S15 and (powder near7 (mix or mixing))  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/01/03 09:33 |
| S17 | 8085   | (427/157,158,166,248.1-252).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/01/03 13:31 |
| S18 | 0      | ("L1and(pellet)").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/01/03 12:47 |
| S19 | 248    | S17 and pellet  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/01/03 13:31 |
| S20 | 38     | S19 and dopant  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/01/03 12:48 |
| S21 | 689795 | S20 and organic or metallic or organometallic   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/01/03 13:31 |
| S22 | 30     | S20 and (organic or metallic or organometallic)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/01/03 12:51 |
| S23 | 145    | S17 and (blending or mixing or mix or blend) and (organic or organometallic) and (pellet or pelletized or pressed)    | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/01/03 13:34 |
| S24 | 0      | S17 same (blending or mixing or mix or blend) same (organic or organometallic) same (pellet or pelletized or pressed) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/01/03 12:56 |
| S25 | 0      | S17 with (blending or mixing or mix or blend) with (organic or organometallic) with (pellet or pelletized or pressed) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/01/03 12:56 |
| S26 | 5      | (2003/0008071)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/01/09 08:31 |
| S27 | 1      | ("6797314").pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/01/09 08:47 |

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| S28 | 1       | ("6649436").pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 09:15 |
| S29 | 1       | ("4356429").pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 09:19 |
| S30 | 1       | ("4539507").pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 09:20 |
| S31 | 1       | ("4720432").pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 09:21 |
| S32 | 1       | ("4769292").pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 09:24 |
| S33 | 1245177 | (powder or flake or granule or particles)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 09:25 |
| S34 | 206084  | (powder or flake or granule or particle) near7 (mix blend mixture combine homogeneous)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 09:26 |
| S35 | 161187  | (powder or flake or granule or particle) near4 (mix blend mixture combine homogeneous)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 09:26 |
| S36 | 197081  | (powder or flake or granule or particle) near4 (mix blend mixture combine homogeneous mixed combined mixing) and (liquid solvent wet)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 09:27 |
| S37 | 123131  | (powder or flake or granule or particle) near4 (mix blend mixture combine homogeneous mixed combined mixing) and (liquid solvent wet) and (organic)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 09:27 |
| S38 | 8580    | (powder or flake or granule or particle) near4 (mix blend mixture combine homogeneous mixed combined mixing) and (liquid solvent wet) and (organic) and (light-emitting or electroluminescent or OLED or EL)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 09:28 |
| S39 | 5636    | (powder or flake or granule or particle) near4 (mix blend mixture combine homogeneous mixed combined mixing) and (liquid solvent wet) and (organic) and (light-emitting or electroluminescent or OLED or EL) and (pellet pelletize compact compacted press pressed compress compressed mold) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 09:29 |

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| S40 | 1872 | (powder or flake or granule or particle) near4 (mix blend mixture combine homogeneous mixed combined mixing) and (liquid solvent wet) and (organic) and (light-emitting or electroluminescent or OLED or EL) and (pellet pelletize compact compacted press pressed compress compressed mold) and (deposit deposition) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 09:30 |
| S41 | 760  | (powder or flake or granule or particle) near4 (mix blend mixture combine homogeneous mixed combined mixing) and (liquid solvent wet) and (organic) and (light-emitting or electroluminescent or OLED) and (pellet pelletize compact compacted press pressed compress compressed mold) and (deposit deposition)       | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 09:30 |
| S42 | 742  | (powder or flake or granule or particle) near4 (mix blend mixture combine homogeneous mixed combined mixing) and (liquid solvent wet) and (organic) and (light-emitting or electroluminescent) and (pellet pelletize compact compacted press pressed compress compressed mold) and (deposit deposition)               | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 10:33 |
| S43 | 13   | S42 and ((wet near2 milled) or (wet near2 milling))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 10:24 |
| S44 | 1    | ("5281268").pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 10:25 |
| S45 | 546  | (powder or flake or granule or particle) near4 (mix blend mixture combine homogeneous mixed combined mixing) and (liquid solvent wet) same (organic) and (light-emitting or electroluminescent) and (pellet pelletize compact compacted press pressed compress compressed mold) and (deposit deposition)              | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 10:34 |

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| S46 | 169  | (organic same ((powder or flake or granule or particle) near4 (mix blend mixture combine homogeneous mixed combined mixing))) and (liquid solvent wet) and (light-emitting or electroluminescent) and (pellet pelletize compact compacted press pressed compress compressed mold) and (deposit deposition) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 10:52 |
| S47 | 8301 | (powder granule flake particle) and ((wet near2 mixing) or (wet near2 milled) or (wet near2 mixed))  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 11:25 |
| S48 | 2077 | (powder granule flake particle) near4 ((wet near2 mixing) or (wet near2 milled) or (wet near2 mixed))  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 10:57 |
| S49 | 1326 | (powder granule flake particle) near4 ((wet near2 mixing) or (wet near2 milled) or (wet near2 mixed)) and organic  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 11:01 |
| S50 | 8    | (powder granule flake particle) near4 ((wet near2 mixing) or (wet near2 milled) or (wet near2 mixed)) and organic and (light-emitting OLED alq3)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 11:35 |
| S51 | 132  | (emulsify or emulsified or emulsifying or emulsifier) same ((wet near2 mixing) or (wet near2 milled) or (wet near2 mixed))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 11:26 |
| S52 | 8    | (powder granule flake particle) near4 ((wet near2 mixing) or (wet near2 milled) or (wet near2 mixed)) and organic and (light-emitting OLED)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 11:44 |
| S53 | 457  | (Alq3 NPB TBADN) and (DCJTP Rubrene OP31 DPQA DBzR)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 12:50 |
| S54 | 402  | S53 and (powder mix emulsify solvent homogeneous mixture blend combine blended)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 12:21 |
| S55 | 63   | S53 and (powder) and (mix emulsify solvent homogeneous mixture blend combine blended)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 12:21 |
| S56 | 5689 | (Alq3 Alq NPB TBADN DCJTP Rubrene OP31 DPQA DBzR)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 12:50 |
| S57 | 804  | S56 and (powder)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 12:51 |

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| S58 | 721   | S57 and (mix or blend or mixture or combine)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 12:51 |
| S59 | 676   | S58 and (liquid emulsify solvent)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 12:51 |
| S60 | 1501  | S56 and ((powder or materials) near7 (mix mixture combine combining blend blending))  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 12:52 |
| S61 | 410   | S56 and ((powder or materials) near7 (mix mixture combine combining blend blending) same (liquid solvent ball mill emulsify)) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 15:40 |
| S62 | 6     | (09/574949)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 12:56 |
| S63 | 0     | (09/574949).app.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 12:56 |
| S64 | 3     | ("574949").ap.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 12:57 |
| S65 | 0     | (09/5474949)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 12:57 |
| S66 | 0     | (09/574949).app.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 12:57 |
| S67 | 0     | (09/574949).ap.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 12:57 |
| S68 | 6     | (09/574949)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 12:59 |
| S69 | 1     | ("4769292").pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 12:59 |
| S70 | 1     | ("5294870").pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 12:59 |
| S71 | 1     | ("5358788").pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 15:49 |
| S72 | 50099 | (powder) same (emulsify emulsifying emulsifier surfactant)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 15:50 |
| S73 | 20178 | (powder) same (mix mixture blend combine) same (emulsify emulsifying emulsifier surfactant)                                   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 15:51 |

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| S74 | 8867 | (powder) same (mix mixture blend combine) same (emulsify emulsifying emulsifier)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 15:51 |
| S75 | 3714 | organic same (powder) same (mix mixture blend combine) same (emulsify emulsifying emulsifier)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 15:52 |
| S76 | 2604 | organic same (powder) same (mix mixture blend combine) same (emulsify emulsifying emulsifier) same (liquid wet)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 15:52 |
| S77 | 501  | organic same (powder) same (mix mixture blend combine) same (emulsify emulsifying emulsifier) same (liquid wet) and (OLED OELD EL)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 15:54 |
| S78 | 878  | organic same (powder) same (mix mixture blend combine) same (emulsify emulsifying emulsifier) same (liquid wet) and (OLED OELD electroluminescence light emitting light-emitting)                  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 15:56 |
| S79 | 12   | organic same (powder) same (mix mixture blend combine) same (emulsify emulsifying emulsifier) same (liquid wet) and (OLED OELD electroluminescence (light adj emitting) light-emitting)            | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 15:57 |
| S80 | 12   | organic same (powder) same (mix mixture blend combine) same (emulsify emulsifying emulsifier surfactant) same (liquid wet) and (OLED OELD electroluminescence (light adj emitting) light-emitting) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 15:57 |
| S81 | 22   | organic same (powder) same (mix mixture blend combine) same (emulsify emulsifying emulsifier surfactant) and (OLED OELD electroluminescence (light adj emitting) light-emitting)                   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 16:00 |
| S82 | 16   | organic same (powder) same (mix mixture blend combine) same (host) same (dopant)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 16:07 |
| S83 | 631  | organic near4 (powder) same (mix mixture blend combine) same (uniform homogeneous)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 16:08 |
| S84 | 258  | organic near4 (powder) same ((mix mixture blend combine) near4 (uniform homogeneous))  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 16:09 |
| S85 | 631  | organic near4 (powder) same ((mix mixture blend combine) same (uniform homogeneous))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 16:12 |



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| S86 | 20   | S85 and (OLED light-emitting (light adj emitting) OELD electroluminescence)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 16:09 |
| S87 | 360  | organic near4 (powder) same ((mix mixture blend combine) same (uniform homogeneous)) and (pellet pelletize press compress mold)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 16:28 |
| S88 | 3786 | organic near4 (powder) same ((mix mixture blend combine) same (dispersant solvent dispersion liquid water))  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 16:29 |
| S89 | 688  | organic near4 (powder) same ((mix mixture blend combine) same (dispersant dispersion emulsify emulsifier))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/09 16:29 |
| S90 | 35   | organic near4 (powder) same ((mix mixture blend combine) same (dispersant dispersion emulsify emulsifier)) and (OLED OELD light-emitting (light adj emitting) electroluminescence) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/10 07:21 |